

## CLAIMS

## METHOD OF STIMULATING GROWTH AND RESISTANCE TO DISEASES OF AQUATIC ORGANISMS.

1. A Method for the growth stimulation and resistance to diseases of fish and crustaceans characterized by the use of a peptide GHRP-6 with the sequence: His-D-Trp-Ala-Trp-D-Phe-Lys-NH<sub>2</sub>.
2. A method as claim 1, characterized by the use of the GHRP-6 in formulated feed for the growth stimulation and resistance to diseases of fish and crustaceans in concentration of 0.01 – 50 µg of peptide per gram of wet weight of the animal.
3. A method as claim 1, characterized by the use of the GHRP-6 in periodic injections for the growth stimulation and resistance to diseases of fish and crustaceans in concentration of 0.01 – 50 µg of peptide per gram of wet weight of the animal.
4. A method as claim 1, characterized by the use of the GHRP-6 by immersion for the growth stimulation and resistance to diseases of fish and crustaceans in fresh water and seawater at concentration between 10 – 500 µg of peptide per liter in interval between 1 to 7 days.
5. A method as claim 1, characterized by the use the GHRP-6 in feed encapsulated for the growth stimulation and resistance to diseases of fish and crustaceans at concentration between 0.05 – 10 µg of peptide per gram of wet weight of animal in intervals between 1 to 7 days
6. A method as claim 1 to 5 characterized by their application in tilapia *Oreochromis sp.*
7. A method as claim 1 to 5 characterized by their application in *Salmon sp.*.
8. A method as claim 1 to 5 characterize by their application in *Litopenaeus schmitti*, *Litopenaeus vanamei*.
9. A method as claim 8 characterize by their use in shrimp *Penaeus sp.*
10. A method as claim 1 to 9 characterize by the use for the preventive and therapeutic treatment in parasites infection and other diseases.

11. A method as claim 10 characterized by the use for the preventive and therapeutic treatment in parasites infection produced by *Trichodina sp.* y *Helmintos monogeneos*.
- 5 12. A method as claim 10 characterized by the use for the preventive and therapeutic treatment in parasites infection produced by sea lice.
13. A method as claim 10 characterized by the use for the preventive and therapeutic treatment in parasites infection produced by ectoparasites.
- 10 14. A veterinary formulation for the growth stimulation and resistance to diseases of fish and crustaceans characterized by the use of peptide GHRP-6 with the sequence: His-D-Trp-Ala-Trp-D-Phe-Lys -NH<sub>2</sub>
15. Usage as in claim 14, characterized by its use as injection, oral or immersion administration.